

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1 (canceled).
- 2 (canceled).
- 3 (canceled).
- 4 (canceled).
- 5 (canceled).
- 6 (canceled).
- 7 (canceled).
- 8 (canceled).
- 9 (canceled).
- 10 (canceled).
- 11 (canceled).
- 12 (canceled).
- 13 (canceled).
- 14 (canceled).
- 15 (canceled).
- 16 (canceled).
- 17 (canceled).
- 18 (amended twice). A method of determining the general latitude of a fault within the earth with a sensor comprising associating a frequency component of at least one of

electrical and magnetic signal coming from said fault sensed by said sensor with said general latitude of said fault, wherein said sensor is not proximate to said fault said general latitude of said fault is different than the general latitude of said sensor.

19 (original). The method of claim 18 wherein said signal is a ringing.

20 (original). The method of claim 18 wherein said frequency is the general predominant frequency of said signal.